

Newport Black Rot - Grape From 2012-06-01 To 2012-06-13

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
06/01	75.4	54.7		0.00	
06/02	63.4	54.4	17.3	1.81	Infection Risk
06/03	77.5	50.9	13.3	2.55	Infection Risk
06/04	58.0	48.9	6.5	0.43	
06/05	59.3	46.7	10.0	0.57	
06/06	72.9	45.0	6.8	0.27	
06/07	77.8	51.0	15.3	1.43	Infection Risk
06/08	70.8	52.1	9.3	2.20	Infection Risk
06/09	78.6	56.6	3.3	0.16	
06/10	82.8	56.8	1.8	0.33	
06/11	66.7	53.7	1.0	0.07	
06/12	68.6	58.2	8.5	0.61	
06/13	62.4	60.0	8.5	1.31	Infection Risk

Newport Downy Mildew - Grape From 2012-06-01 To 2012-06-13

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
06/01	75.4				0.0	0.0	0	
06/02	63.4	0.0	0.73	17.3	16.8	0.0	1	Primary Infection
06/03	77.5	>min	0.40	13.3	12.0	0.0	1	Possible Infection
06/04	58.0	>min	0.02	6.5	2.5	0.0	1	Possible Infection
06/05	59.3	>min	0.03	10.8	9.5	0.0	1	Possible Infection
06/06	72.9	>min		10.0	8.5	0.0	1	Possible Infection
06/07	77.8	>min	0.33	15.3	13.0	0.0	1	Possible Infection
06/08	70.8	>min	0.01	9.3	8.0	0.0	1	Possible Infection
06/09	78.6	>min	0.02	3.3	4.8	0.0	1	Possible Infection
06/10	82.8	>min		1.8	3.5	0.0	1	Possible Infection
06/11	66.7	>min		1.0	0.8	0.0	1	Possible Infection
06/12	68.6	>min	0.01	8.5	9.0	0.0	1	Possible Infection
06/13	62.4	>min	0.25	8.5	7.5	0.0	1	Possible Infection

Newport Powdery Mildew - Grape From 2012-06-01 To 2012-06-13

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
	High	Mean					
06/01	75.4	63.9	3.8	0.0	0.0		
06/02	63.4	59.0	0.0	0.0	17.0	Heavy	
06/03	77.5	62.8	6.8	0.0	13.0	Heavy	
06/04	58.0	52.0	0.0	0.0	4.0		
06/05	59.3	52.5	0.0	0.0	10.3		
06/06	72.9	58.0	0.3	0.0	9.0		
06/07	77.8	60.8	2.5	0.0	14.8	Heavy	
06/08	70.8	62.5	0.8	0.0	9.3	Heavy	
06/09	78.6	66.6	9.0	0.0	2.3		
06/10	82.8	67.0	10.0	0.0	1.5		
06/11	66.7	61.0	0.0	0.0	0.5		
06/12	68.6	62.9	0.0	0.0	6.8		
06/13	62.4	61.6	0.0	0.0	7.0		

Newport Phomopsis Cane+Leaf Spot - Grape From 2012-06-01 To 2012-06-13

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
06/01	63.9	0.0	0.00	0.0	0.0	0	0
06/02	59.0	18.3	0.73	8.8	59.5	36 Moderate	57 Moderate
06/03	62.8	13.5	0.40	5.8	52.8	13 Light	25 Light
06/04	52.0	18.3	0.02	21.5	51.3	75 Moderate	83 Moderate
06/05	52.5	12.8	0.03	19.3	50.4	57 Moderate	67 Moderate
06/06	58.0	12.5	0.00	0.0	0.0	0	0
06/07	60.8	15.8	0.33	12.5	58.5	58 Moderate	79 Moderate
06/08	62.5	9.8	0.01	17.3	57.5	89 Moderate	106 High
06/09	66.6	4.8	0.02	2.5	58.2	6 Light	15 Light
06/10	67.0	2.3	0.00	0.0	0.0	0	0
06/11	61.0	4.5	0.00	0.0	0.0	0	0
06/12	62.9	10.3	0.01	1.8	61.9	4 Light	11 Light
06/13	61.6	8.5	0.25	10.8	61.6	51 Moderate	75 Moderate

Wet+Rain is the number of rain-initiated leaf wetness hours

Wet Temp is the mean temperature during the rain-initiated wetness period

Disease Intensity projects the estimated lesions per leaf